

SEP 08 2006

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims:

1-54 (Canceled)

55. (Currently Amended) A plasmid containing a the DNA sequence having at least 84% sequence homology with of SEQ ID No. 14, ~~said DNA sequence coding for a protein which renders cell lines that, prior to transformation were non-susceptible to PRRSV infection, susceptible to PRRSV infection or increases susceptibility to PRRSV infection in cell lines that were susceptible to PRRSV infection prior to transformation.~~

56-61 (Canceled)

62. (Currently Amended) A vector containing a the DNA sequence having at least 84% sequence homology with of SEQ ID No. 14 and coding for a tetraspan protein having RNA binding activity with the 3' UTR of PRRSV isolates.

63-119. (Canceled)

120. (Currently Amended) ~~An~~ The isolated DNA sequence coding for porcine CD151 protein, or a protein having the same functions as porcine CD151 protein, namely rendering a cell line susceptible to PRRSV infection, and, having at least 84% sequence homology with of SEQ ID No. 14.

121 -146. (Canceled)

147. (Currently Amended) A transformed cell line containing the DNA of SEQ ID No. 14 ~~DNA coding for a porcine CD 151 protein or for a protein having the same functions as porcine CD 151 protein, said cell line, prior to transformation, not containing DNA coding for a porcine CD 151 protein or for a protein having the same functions as porcine CD 151 protein, said protein being a tetraspan protein having RNA binding activity with the 3' UTR of PRRSV isolates, and said protein rendering cell lines that, prior to transformation were non-susceptible to PRRSV infection, susceptible to PRRSV infection or increasing susceptibility to PRRSV infection in cell lines that were susceptible to PRRSV infection prior to transformation.~~

148-151. (Canceled)